

## CLAIMS

1. An agent for treating diabetes, which comprises one or more stem cell-recruiting factors as active ingredients.
- 5 2. The agent for treating diabetes according to claim 1, wherein the stem cell-recruiting factor is a colony-stimulating factor.
3. The agent for treating diabetes according to claim 2, wherein the colony-stimulating factor is granulocyte  
10 colony-stimulating factor.
4. An agent for regenerating  $\beta$ -cells in pancreatic Langerhans' islets, which comprises one or more stem cell-recruiting factors as active ingredients.
5. The agent for regenerating  $\beta$ -cells according to  
15 claim 4, wherein the stem cell-recruiting factor is a colony-stimulating factor.
6. The agent for regenerating  $\beta$ -cells according to claim 5, wherein the colony-stimulating factor is granulocyte colony-stimulating factor.
- 20 7. An agent for preventing  $\beta$ -cell disruption in pancreatic Langerhans' islets, which comprises one or more stem cell-recruiting factors as active ingredients.
8. The agent for preventing  $\beta$ -cell disruption according to claim 7, wherein the stem cell-recruiting factor is a  
25 colony-stimulating factor.
9. The agent for preventing  $\beta$ -cell disruption according to claim 8, wherein the colony-stimulating factor is granulocyte colony-stimulating factor.

10. A method for producing pancreatic Langerhans  $\beta$ -cells, which comprises the steps of:

(a) collecting stem cells after administering one or more stem cell-recruiting factors; and

5 (b) differentiating the collected stem cells into pancreatic Langerhans  $\beta$ -cells.

11. The use of one or more stem cell-recruiting factors for the manufacture of an agent for treating diabetes.

12. The use of one or more stem cell-recruiting factors  
10 for the manufacture of an agent for regenerating  $\beta$ -cells in pancreatic Langerhans' islets.

13. The use of one or more stem cell-recruiting factors for the manufacture of an agent for preventing  $\beta$ -cell disruption in pancreatic Langerhans' islets.

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